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(54) Title: PROCESS FOR PRODUCING A MULTILAYER FLAT FILM CONTAINING AN INTRINSICALLY GEL-FREE, RANDOMLY BRANCHED POLYAMIDE

(57) Abstract: Process for producing a multilayer flat film containing a polyamide layer and a layer of another polymer wherein the polyamide layer is essentially formed from an intrinsically gel-free, randomly branched polyamides at least composed of units derived from: a. AB monomers, which are understood to be a monomer possessing both a carboxylic acid group (A) and an amine group (B), b. at least one compound I, being a carboxylic acid (A_v), with functionality v ≥ 2 or an amine (B_w) with functionality w ≥ 2, c. at least one compound II, being a carboxylic acid (A_v) with functionality v ≥ 3 or an amine (B_w) with functionality w ≥ 3, with compound II being a carboxylic acid if compound I is an amine or with compound II being an amine if compound I is a carboxylic acid, in specific quantities. The other polymer preferably is polyethylene and more preferably a non-linear polyethylene. Preferably, the polyamide layer and the layer of the other polymer are adjacent to each other.